

## REMARKS

Claims 1 and 2 have been rejected by the Examiner under 35 U.S.C. section 112 and 103. Applicants have amended claim 1 to clarify the language. No new matter has been added. Claims 1 and 2 are currently pending in the Application.

### Reply to 35 U.S.C. 112 Rejections

Claims 1-2 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

Claim 1 has been amended to recite a method that includes “mapping a plurality of transport format combination indication signaling information into a single transport format combination indication signaling information thereby reducing transport format combination indication signaling information.” Support for such an amendment can be found, for example, on page 4, line 21 to page 5 line 17 of the present specification.

### Reply to 35 U.S.C. 103 Rejections

Claims 1-2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shiu et al (U.S.P. 6,624,767).

Applicants respectfully disagree for at least the following reasons. Fig. 2A in Shiu is a diagram of signal processing in a W-CDMA system. Block 232 describes a multiplexing step that includes multiplexing radio frames from active transport processing sections 210. Although multiplexing is discussed, no where in Shiu is mapping disclosed or suggested.

Applicants’ invention as recited in amended independent claim 1 performs a mapping step that includes “mapping a plurality of transport format combination indication signaling information into a single transport format combination indication signaling information thereby reducing transport format combination indication signaling information.” The format information represents signaling information required for

transmission over a shared data channel; see specification page 3, lines 25-28. The mapping step reduces signaling information associated with the information to be transmitted over a shared channel by mapping one or more of such signaling information (e.g., Transport Format Combination Indication signaling or TFCI signaling) into a single transport format information. For example, as is clearly explained in the specification (see page 4, line 27 to page 5, line 12) such signaling information as RI (Rate Information) and Transport Channel Identity Index (TrCH index) can be mapped into M which represents the total number of packet data units to be transmitted. This type of mapping is not disclosed, implied or even remotely suggested in Shiu. Therefore, in view of the above discussion applicants believe that amended independent claim 1 is patentable over Shiu and thus claim 1 and dependent claim 2 should now be allowed.

**Request for Reconsideration pursuant to 37 CFR 1.111**

Having responded to each and every ground for objection and rejection in the Office Action mailed on March 4, 2005, Applicant requests reconsideration in the instant application pursuant to 37 CFR 1.111 and requests that the Examiner allow claim(s) 1-2 and pass the application to issue. If there is any point requiring further attention prior to allowance, the Examiner is asked to contact Applicants' counsel who can be reached at the telephone number listed below.

A 1-month extension fee is being filed along with this Response. No other fee is believed to be due with this Response. However, the Commissioner is hereby authorized to charge any fees which may be required for this Response, or credit any overpayment to Deposit Account No. 50-1561 of Greenberg Traurig, LLP

Respectfully,

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